



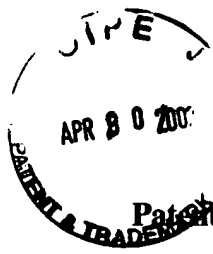
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Fleischer 1-3-3-5

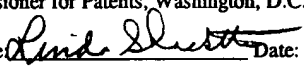
43



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application

Applicants(s): Lisa Karen Fleischer  
Iraj Saniee  
Frederick Bruce Shepherd  
Aravind Srinivasan  
Case: 1-3-3-5  
Serial No.: 10/053,079  
Filing Date: January 17, 2002  
Group: 2661  
Examiner: Unassigned

I hereby certify that this paper is being deposited on this date with the U.S. Postal Service as first class mail addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231  
Signature:  Date: April 22, 2002

Title: Fast and Scalable Approximation Methods for Finding Minimum Cost Flows with Shared Recovery Strategies and System Using Same

TRANSMITTAL OF FORMAL DRAWINGS

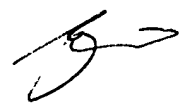
Assistant Commissioner for Patents  
Washington, D.C. 20231

Attention: Official Draftsperson

SIR:

Applicant(s) submit herewith four (4) sheets of formal drawings in the above-referenced application.

Respectfully submitted,



Date: April 22, 2002

Robert J. Mauri  
Attorney for Applicants  
Reg. No. 41,180  
Ryan, Mason & Lewis, LLP  
1300 Post Road, Suite 205  
Fairfield, CT 06430  
(203) 255-6560



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UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|---------------------|-----------------------|------------------------|
| 10/053,079         | 01/17/2002          | Lisa Karen Fleischer  | 1-3-3-5                |

CONFIRMATION NO. 5536

**FORMALITIES LETTER**



\*0000000007504562\*

Ryan, Mason & Lewis, LLP  
Suite 205  
1300 Post Road  
Fairfield, CT 06430

Date Mailed: 02/20/2002

**NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION**

**FILED UNDER 37 CFR 1.53(b)**

***Filing Date Granted***

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

*A copy of this notice **MUST** be returned with the reply.*

M-MAILE

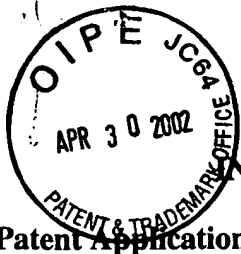
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Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

APR 30 2002 10/053,079

10/053,079



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Signature: Linda Shachet Date: April 22, 2002

Title: Fast and Scalable Approximation Methods for Finding Minimum Cost Flows with Shared Recovery Strategies and System Using Same

TRANSMITTAL OF MISSING PARTS

Assistant Commissioner for Patents  
Washington, D.C. 20231

Box Missing Parts

SIR:

In response to the Notice to File Missing Parts, dated February 20, 2002, Applicants submit herewith the following documents to complete the above-referenced patent application:

- (1) 3 Declaration and Power of Attorney forms (15 pages ); and
- (2) Formal Drawings – four (4) sheets with transmittal.

A copy of the Notice is enclosed herewith. Please charge **Deposit Account No. 50-0762** the amount of \$130.00, to cover the surcharge under 37 CFR §1.16(e). In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Deposit Account No. 50-0762** as required to correct the error. Duplicate copies of this letter are enclosed.

Respectfully submitted,

Robert J. Mauri  
Attorney for Applicants  
Reg. No. 41,180  
Ryan, Mason & Lewis, LLP  
1300 Post Road, Suite 205  
Fairfield, CT 06430  
(203) 255-6560

Date: April 22, 2002